

Appendix 9.

Personal Protective Equipment Under LBNL Guidelines

Sources: Publication 3000, Chapter 19 (Mar 2007)
 LBNL Chemical Hygiene Plan (Apr 2007)

PPE is selected based on the hazards present, the type of materials used, and the manner in which they are handled. Also: for elevated-hazard work (rad work, biological, laser), additional requirements are listed on the specific Activity Hazard Document.

<u>Protective Equipment</u>	<u>Task</u>
Laboratory coat	Handling or using hazardous chemicals
Long pants	Handling or using hazardous chemicals (Note: since pants are not easily exchanged during the workday, anyone entering a lab area is expected to wear long pants that day.)
Eye protection—general	Liquid chemicals, acids or bases, chemical vapors, flying particles, molten metal, laser, UV or IR radiation.
Eyeglass side shields	Splashes or flying particles
Goggles	Likelihood of splashed chemicals or flying particles, pressure or vacuum lines
Face shields	Flying particles, liquid splashes, or cryofluids
Closed toe footwear	Handling or using hazardous chemicals (Note: since footwear is not easily exchanged during the workday, anyone entering a lab area is expected to wear closed toe footwear that day.)
Safety shoes	Work in shops; equipment handling
Chemically resistant gloves	Handling or using hazardous chemicals
Thermally resistant gloves	Temperature extremes
Tear/abrasion resistant gloves	Sharp or rough surfaces
Respirator	Normally not required